AMENDMENTS TO THE CLAIMS

1-11 (Cancelled).

12. (Currently Amended) A method of ~~chemically~~ treating a surface of a member having a plurality of blind holes closed at one end and open at another end and having interior surfaces, the method comprising:

circulating a treatment fluid in a closed processing cup at a pressure and flow rate;

placing the member in the closed processing cup so that the openings of the respective blind holes remain in contact with the treatment fluid; and

periodically changing at least one of the pressure and the flow rate of the treatment fluid circulating within the closed processing cup.

13. (Previously Presented) A method of chemically treating a surface of a member having a plurality of blind holes closed at one end and open at another end and having interior surfaces, the method comprising:

circulating a treatment fluid in a closed processing cup at a pressure and flow rate;

placing the member in the closed processing cup so that the openings of the respective blind holes remain in contact with the treatment fluid; and

periodically changing flow direction of the treatment fluid circulating in the closed processing cup.

14. (Previously Presented) A method of plating a surface of a member having a plurality of blind holes closed at one end and open at another end and having interior surfaces, the method comprising:

circulating a plating fluid in a closed plating cup at a pressure and flow rate;

placing the member to be plated in the closed plating cup so that openings of the respective blind holes remain in contact with the plating fluid; and

periodically changing at least one of the pressure and the flow rate of the plating fluid circulating within the closed processing cup.

15. (Previously Presented) A method of plating a surface of a member having a plurality of blind holes closed at one end and open at another end and having interior surfaces, the method comprising:

circulating a plating fluid in a closed plating cup at a pressure and flow rate;

placing the member to be plated in the closed plating cup so that openings of the respective blind holes remain in contact with the plating fluid; and

periodically changing flow direction of the plating fluid circulating in the closed processing cup.

16. (Previously Presented) A method eliminating residue from a member having a plurality of blind holes closed at one end and open at another end and having interior surfaces, the method comprising:

circulating a treatment fluid in a closed processing cup at a pressure and flow rate;

placing the member in the closed processing cup so that the openings of the respective blind holes remain in contact with the treatment fluid; and

periodically changing at least one of the pressure and the flow rate of the treatment fluid circulating within the closed processing cup.

17. (Previously Presented) A method eliminating residue from a member having a plurality of blind holes closed at one end and open at another end and having interior surfaces, the method comprising:

circulating a treatment fluid in a closed processing cup at a pressure and flow rate;

placing the member in the closed processing cup so that the openings of the respective blind holes remain in contact with the treatment fluid; and

periodically changing flow direction of the treatment fluid circulating in the closed processing cup.

18. (New) The method of treating a surface of a member according to claim 12, including periodically changing at least one of the pressure and the flow rate of the treatment fluid by periodically reversing flow direction of the treatment fluid circulating in the closed processing cup.

19. (New) The method of treating a surface of a member according to claim 12, wherein the treatment fluid is a plating fluid for plating a metal on the surface of the member and including plating a metal from the plating fluid on the surface of the member.

20. (New) The method of treating a surface of a member according to claim 12, including removing a residue from the surface of the member in periodically changing at least one of the pressure and the flow rate of the treatment fluid.

21 (New)) The method of treating a surface of a member according to claim 20, including periodically changing at least one of the pressure and the flow rate of the treatment fluid by periodically reversing flow direction of the treatment fluid circulating in the closed processing cup.

This listing of claims replaces all prior versions, and listings, of claims by the application.